
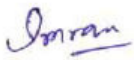
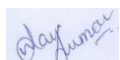




Form No:	 PE&SD	BHARAT HEAVY ELECTRICALS LIMITED PROJECT ENGINEERING & SYSTEMS DIVISION	PEMC-07618	
		JOB SPECIFICATION		Rev. No. 00
		GENERAL CARGO CONTAINER	Page 1 of 3	

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JOB SPECIFICATION FOR GENERAL CARGO CONTAINER

Refer Doc	LAYOUTS & PIPING ENGINEERING PROJECT ENGINEERING & SYSTEMS DIVISION	PREPARED	CHECKED	APPROVED	DATE
		 IMRAN	 G UDAY KUMAR	 SRIKANTH G	19.05.22

Form No:	 PE&SD	BHARAT HEAVY ELECTRICALS LIMITED	PEMC-07618
		PROJECT ENGINEERING & SYSTEMS DIVISION	Rev. No. 00
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1.0 GENERAL


- 1.1 This job specification document specifies the requirements to set a framework agreement for supply of **Used General Cargo container**.
- 1.2 Bidder shall read this document in conjunction with "Technical Specification for General Cargo container (Doc.No.PY52269), for the technical requirements, scope of supply & services, design criteria, requirements of quality, inspection & testing, documentation etc.
- 1.3 Bidder shall comply with all the requirements specified in the documents referred above.

2.0 LEGEND / GLOSSARY OF TERMS

Purchaser	: BHEL
Owner	: BHEL's Customer
Bidder	: Eligible vendors from whom offers are received against the Enquiry
Vendor	: Successful Bidder of the Package on whom Order is placed

3.0 SCOPE OF SUPPLY / SERVICES

- 3.1 Bidders to supply **Used Cargo Container** for storage of items at project site. It should be in healthy condition suitable for use for considerable time in future.
- 3.2 **In this framework enquiry 10 containers are immediately required where as other 10 will be required in staggered manner over the period of framework agreement. Bidders to quote accordingly.**
- 3.3 **Used containers must not be manufactured older than 20 years.**
- 3.4 Quality of container should comply in general with following IS/ISO standards:
- IS 7694/ISO 1161:1984(E) Series 1 Freight Containers, Corner Fittings Specification
 - IS 6928/ISO 6346:1995(E) Freight Containers Coding Identification and Marking
 - IS 13288: Part 1/ISO 1496-Part 1: For Series 1 Containers-
 - CSC & TIR Requirement
 - UIC 591,592
- 3.5 The container should be certified as sea worthy/cargo worthy and eligible for domestic transportation by IICL certified surveyor. The survey report shall be attached for confirmation of year of manufacturing and cargo worthiness & eligibility for domestic transportation.
- 3.6 All the other details shall be as specified in "Technical Specification for General Cargo containers" (Doc.No. PY52269).
- 3.7 Container size for this enquiry shall be 20' General Cargo Container and dimensions as per the Cl 2.2(a), PY52269.



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4.0 IMPORTANT INSTRUCTIONS TO BIDDER


Bidder shall mandatorily submit the following documents along-with Technical offer, failing which bidder's offer is liable for rejection.

- 4.1 Unpriced Price-bid Format
- 4.2 Deviation Schedule ("NIL" to be mentioned, if no deviations)
- 4.3 Stamped & Signed copies of Technical Specification for General Cargo container (PY52269) and Job Specification for Cargo container for storage (PEMC-07618).
- 4.4 Pre-bid queries, if any (within 4 days of receipt of enquiry from purchaser, failing which it is presumed that bidder does not have any pre-bid queries)
- 4.5 In case of ambiguity of any technical requirement among the above referred documents, a clarification/ query shall be raised by the bidder and get clarified from Purchaser during pre-bid stage itself.

5.0 RECORD OF REVISIONS

Rev No	Date	Revision Detail	Revised by	Approved by
00	19.05.2022	FIRST ISSUE	 IMRAN	 SRIKANTH G

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Form No:	 PE&SD	BHARAT HEAVY ELECTRICALS LIMITED	PY 52 269
		PROJECT ENGINEERING & SYSTEMS DIVISION	Rev. No. 00
		PRODUCT STANDARD	Page 1 of 2
		GENERAL CARGO CONTAINERS	

SERIES-1 FREIGHT CONTAINER – GENERAL CARGO CONTAINER FOR GENERAL PURPOSES

1.0 GENERAL

This specification covers the requirements of General Cargo Containers for transportation of goods/equipment from vendor works to project sites by road/rail/sea route and for storage of items at various project sites.

2.0 QUALITY REQUIREMENTS:

2.1 Quality of container should comply in general with following IS/ISO standards:

- IS 7694/ISO 1161:1984(E) Series 1 Freight Containers, Corner Fittings Specification
- IS 6928/ISO 6346:1995(E) Freight Containers Coding Identification and Marking,
- IS 13288: Part 1/ISO 1496-Part 1: For Series 1 Containers-
- CSC & TIR Requirement,
- UIC 591,592

2.2 The dimensions & weight of preferred General Cargo Container to be used by BHEL are as follows:

a) 20' General Cargo Container for General Purposes




External Dimensions		20'x8'x8'6" – 6058 x 2438 x 2591 mm
Door Opening	Height	2278 mm
	Width	2340 mm
Maximum Gross Weight		30,480 Kgs
Tare Weight		2,300 Kgs
Payload		28,180 Kgs


b) 40' General Cargo Container for General Purposes

External Dimensions		40'x8'x8'6" – 12,192 x 2438 x 2591 mm
Door Opening	Height	2278 mm
	Width	2340 mm
Maximum Gross Weight		30,480 Kgs
Tare Weight		3,820 Kgs
Payload		26,660 Kgs

Actual sizes to be procured will be mentioned in the purchase order.

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Refer Doc	LAYOUTS & PIPING ENGINEERING	PREPARED	CHECKED	APPROVED	DATE
	PROJECT ENGINEERING & SYSTEMS DIVISION	 G PARAMESH	 SRIKANTH G	 SRIKANTH G	23.02.2019

Form No:	 PE&SD	BHARAT HEAVY ELECTRICALS LIMITED PROJECT ENGINEERING & SYSTEMS DIVISION	PY 52 269
		TECHNICAL SPECIFICATION	Rev. No. 00
		GENERAL CARGO CONTAINERS	Page 2 of 2

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3.0 PACKING AND MARKING:

Marking should be in line with **IS 6928**. Also, each Container shall be legibly marked at one corner on one side with the following:

- Supplier's name
- Batch number, year of manufacture
- Type and size

4.0 REFERRED STANDARD:

IS 7694/ISO 1161:1984(E) Series 1 Freight Containers, Corner Fittings Specification.



IS 6928/ISO 6346:1995(E) Freight Containers Coding Identification and Marking.

IS 13288: Part 1/ISO 1496-Part 1: For Series 1 Containers-

5.0 CONTAINER VARIANTS:

Variant No.	Description	External Dimensions	Material code
01	20' General Cargo Container	20' x 8' x 8' 6" 6058 x 2438 x 2591 mm	PY9752269010
02	40' General Cargo Container	40' x 8' x 8' 6" 12192 x 2438 x 2591 mm	PY9752269XXX

RECORD OF REVISIONS:

Rev No	Date	Revision Detail	Revised by	Approved by
00	23.02.2019	FIRST ISSUE	 G PARAMESH	 SRIKANTH G

**FRAME WORK AGREEMENT FOR PROCUREMENT OF
CARGO CONTAINERS
Pre-Qualification Criteria (Technical)**

Package Name : General Cargo Containers
PR No : 1900144102

Manufacturers/Traders/Exporter/Importers of Cargo Containers/Portable cabins (documentary evidence to be provided), qualified as per the Pre-qualification criteria laid down below, **are allowed to bid.**

The bid evaluation shall be on Overall L1 basis .The bidder must quote for all the items under the package. Partial quotation under a package shall not be considered.

Qualification Criteria of the Bidder:

The Bidders shall meet the Pre-Qualification Criteria (listed below). *Non-compliance to any of the criteria listed below will lead to disqualification of bidder for the subject tender.*

- 1.** The bidder should be an established Manufacturer/Trader/Exporter/Importer of Cargo Containers and should have successfully completed Manufacture/Supply of **the same.**
- 2.** The Bidder should have successfully completed supply of General Cargo Containers of 20Ft/40 Ft size of minimum 15 No. in the last 5 years ending on original due date of this tender, with at least one order executed after 01.01.2019.
- 3.** Detailed BOQ of the containers supplied, satisfying the criteria laid down above, shall be provided in the format enclosed as Annexure-1, with details like Project & Customer, Description & Quantity of Items supplied, PO details etc. as a minimum for assessing pre-qualification. **PO Copies, Inspection Reports and Dispatch documents shall be enclosed for the references provided.**
- 4.** The bidder should not have been under suspension for business or blacklisted by any of the BHEL units.

Annexure-1

Supply References in the Last 5 Years ending on the Original due date of this tender

Details of items supplied by the Bidder:

[illegible]

VENDOR'S NAME & ADDRESS:			MANUFACTURING QUALITY PLAN							QP. NO.:					
			CUSTOMER: BHEL, HYDERABAD – 32.				BHEL P.O.NO.:			REV NO:		DATE:			
			PROJECT:				P.O.DATE:								
			PRODUCT:				BHEL SPEC:			REV:		PAGE 1 OF 1			
SL NO	COMPONENTS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	* D	AGENCY P W V			REMARKS		
1.0	RAW MATERIALS & BOUGHT OUT ITEMS														
2.0	INPROCESS INSPECTION														
3.0	FINAL INSPECTION & TESTING														
4.0	PRESERVATION & PACKING														

LEGEND: P: PERFORM, W: WITNESS, V: VERIFICATION. INDICATE 1 FOR BHEL/BHEL NOMINATED TPIA & 2 FOR VENDOR/SUB VENDOR, 3 FOR END USER/CUSTOMER AS APPROPRIATE AGAINST EACH COMPONENT /CHARACTERISTIC UNDER P, W & V COLUMNS. * FOR ITEMS MARKED ✓ (TICK) IN COLUMN 'D', TEST CERTIFICATES SHALL BE SUBMITTED TO BHEL FOR RECORDS.	PREPARED BY	APPROVED BY	APPROVED BY	APPROVED BY
	VENDOR'S SIGNATURE & STAMP	BHEL QA SIGNATURE & STAMP	BHEL ENGG SIGNATURE & STAMP	CUSTOMER'S SIGNATURE & STAMP